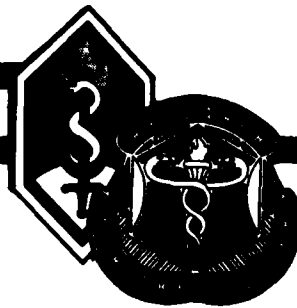


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**Monograph of
the Aviation Epidemiology Data Register
for Calendar Year 1988**

By
Robert H. Schrimsher
Prime Technology, Inc.

and

Samuel G. Shannon
Impact, Tolerance, and Protection Division

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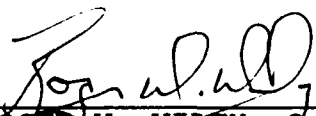
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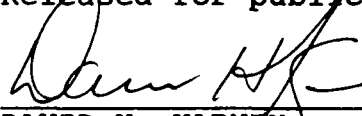
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Reviewed:


JOHN V. BARSON
LTC, MC, FS
Director, Impact, Tolerance
and Protection Division


ROGER W. WILLEY, O. D., Ph.D.
Chairman, Scientific
Review Committee

Released for publication:


DAVID H. KARNEY
Colonel, MC, SFS
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Preface

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Introduction

The principal value of any longitudinal database is realized through the presentation of standardized monographs, periodically published reports relating the occurrence of specific events within the study population. Data derived from flying duty medical examinations (FDMEs) completed between 1 January 1988 and 31 December 1988 are presented in this 1988 monograph of the U.S. Army Aviation Epidemiology Data Registry (AEDR).

The FDME has served for many years as the principal means of collecting routine medical information on aviators. While all U.S. military services require trained aviators to undergo annual FDMEs, they have been modified by each service to the extent necessitated by the particular needs of that service. Nevertheless, all services' FDMEs conform closely in content and arrangement. The FDME is an evolving mechanism of medical information. It changes over time to ensure better reporting and accuracy, to the extent that some items even are discontinued and others are added.

Within the U.S. Army, all FDMEs are sent to the U.S. Army Aeromedical Activity, Fort Rucker Alabama (USAAMA) for centralized review and disposition. FDMEs are coded via ICD9 (International classification of diseases, clinical modification, 9th revision) procedures and other specialized coding methods that are unique to the military. Before 1986, no centralized database of FDMEs existed. However, beginning in 1986, the U.S. Army Aeromedical Laboratory (USAARL) has maintained a computerized database of all U.S. Army FDMEs processed by USAAMA. This initiated for the first time, FDME data being made available for epidemiological research.

Purpose

The purpose of this monograph is to provide the reader with summary statistics from the AEDR database. These descriptive statistics are limited to class 2/2A FDMEs completed during calendar year 1988. We present these data with little discussion so as to encourage comparisons with other monographs.

General rules for the AEDR monographs

1. The data are restricted to class 2/2A FDMEs and to active duty Army, reserve, and National Guard components.
2. Calendar year is defined as 1 January through 31 December.
3. Gender is defined as the gender reported on the FDME.

4. The age reported is computed based upon birth date and FDME date.
5. With respect to the age groupings, the age is based upon the age of the person in completed years.
6. Tables exclude FDMEs with missing values. Consequently, for each table the total number of FDMEs is somewhat greater than the total reported in the table.
7. Minimum and maximum values for applicable fields are set at ± 4 standard deviations.
8. Missing values within a table are not included in the totals or percentages.

Reference

Department of Health and Human Services. 1989. International classification of diseases, clinical modification, 9th revision, 3rd ed. Washington, DC.

Appendix A.

Tables A-1 through A-51.

Table A-1.

Required items for class 2 and class 2A FDME.

	Class 2	Class 2A	Minimum, maximum values
Arrival date	X	X	
Last name	X	X	
Grade	X	X	
Component	X	X	
Social Security number	X	X	
Date of physical	X	X	
Sex	X	X	
Race	X	X	
Organizational unit	X	X	
Birth date	X	X	
Exam facility code	X	X	
Return address code	X	X	
Urine specific gravity	X		1.000,1.053
Urine albumin	X		
Urine sugar	X		
Urine microscopic	X		
EKG ICD9 code	X	X	
Hematocrit vol %	X	X	37,57
Height	X	X	60,80
Weight	X	X	94,261
Systolic blood pressure (sitting)	X	X	77,161
Diastolic blood pressure (sitting)	X	X	42,109
Pulse (sitting)	X		30,103
Glasses	X	X	
Distant vision right	X	X	
Distant vision left	X	X	
Refraction exam type	X		
Near vision right	X	X	
Near vision left	X	X	
Esophoria	X		
Exophoria	X		
Right hyperphoria	X		
Left hyperphoria	X		
Depth perception	X		
Night vision	X		

Table A-1 (Continued).

	Class 2	Class 2A	Minimum, maximum values
Audio right 500	X	X	
Audio left 500	X	X	
Audio right 1000	X	X	
Audio left 1000	X	X	
Audio right 2000	X	X	
Audio left 2000	X	X	
Audio right 3000	X	X	
Audio left 3000	X	X	
Audio right 4000	X	X	
Audio left 4000	X	X	
Audio right 6000	X	X	
Audio left 6000	X	X	
Flight surgeon	X	X	
Flight surgeon status	X	X	
Valsalva	X		
Dental exam	X		
Cholesterol	X	X	100,400

Table A-2.
Demographic data.

	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
	N*	%	N*	%	N*	%
Male	12,436	97.4	2,203	97.1	6,123	98.7
Female	<u>327</u>	2.6	<u>65</u>	2.9	<u>79</u>	1.3
Total	12,763		2,268		6,202	

* Missing (not included)

Race	N	% *
Caucasian	20,286	95.5
Black	616	2.9
Oriental	81	0.4
Other	261	1.2
Missing	<u>51</u>	
	21,295	

* Missing (not included in percent)

Table A-3.

Age group stratified by gender and component (N=21,254).

Age group	<u>Active duty</u> (N=12,778)		<u>Reserve</u> (N=2,272)		<u>National Guard</u> (N=6,204)	
	N*	%	N*	%	N*	%
<u>Male</u>						
≤ 24	1177	9.5	199	9.0	280	4.6
25-29	3289	26.4	455	20.6	942	15.4
30-34	2657	21.3	327	14.8	764	12.5
35-39	2670	21.4	450	20.4	1288	21.0
40-44	2045	16.4	590	26.7	2007	32.7
45-49	500	4.0	131	5.9	543	4.9
≥ 50	113	.9	55	2.5	301	4.9
Overall	<u>12451</u>		<u>2207</u>		<u>6125</u>	
<u>Female</u>						
≤ 24	68	20.8	6	9.2	6	7.6
25-29	169	51.7	25	38.5	34	43.0
30-34	70	21.4	21	32.3	25	31.6
35-39	14	4.3	11	16.9	13	16.5
40-44	5	1.5	2	3.1	1	1.3
45-49	1	.3	0	.	0	.
≥ 50	None					
Overall	<u>327</u>		<u>65</u>		<u>79</u>	
* Missing (not included)						

Table A-4.

Urine specific gravity stratified by gender,
age group, and component (N=18,564).

Age group	<u>Active duty</u> (N=10,500)			<u>Reserve</u> (N=2,156)			<u>National Guard</u> (N=5,908)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	858	1.021	.007	178	1.021	.006	235	1.019	.007
25-29	2213	1.020	.007	404	1.020	.007	822	1.019	.007
30-34	1905	1.020	.007	296	1.020	.007	670	1.018	.007
35-39	2641	1.019	.007	445	1.019	.007	1280	1.019	.007
40-44	2038	1.019	.007	589	1.019	.007	1998	1.019	.007
45-49	496	1.019	.007	131	1.019	.007	539	1.019	.007
≥ 50	112	1.018	.007	55	1.019	.007	297	1.018	.007
Total	10263	1.019	.007	2098	1.019	.007	5841	1.019	.007
<u>Female</u>									
≤ 24	49	1.019	.006	5	1.022	.008	4	1.015	.008
25-29	117	1.019	.007	23	1.017	.007	29	1.018	.008
30-34	51	1.016	.007	18	1.017	.008	20	1.017	.010
35-39	14	1.022	.008	10	1.009	.005	13	1.016	.009
40-44	5	1.012	.008	2	1.015	.000	1	1.010	.
45-49	1	1.015	.	0	.	.	0	.	.
≥ 50	None								
Total	237	1.017	.007	58	1.016	.006	67	1.015	.009

Table A-5.

Hematocrit stratified by gender, age group,
and component (N=20,678).

Age group	<u>Active duty</u> (N=12,586)			<u>Reserve</u> (N=2,141)			<u>National Guard</u> (N=5,951)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	1177	45.6	2.4	189	45.9	2.7	267	46.1	2.7
25-29	3269	45.2	2.6	444	45.6	2.7	903	46.0	2.6
30-34	2628	45.3	2.6	310	45.5	2.5	735	45.7	2.6
35-39	2622	45.5	2.7	421	45.8	2.6	1235	45.9	2.5
40-44	1979	45.4	2.7	543	45.7	2.7	1933	45.8	2.6
45-49	480	45.5	2.7	124	45.4	2.8	512	45.9	2.5
≥ 50	110	45.2	2.6	51	45.3	2.6	288	46.0	2.8
Total	12265	45.4	2.6	2082	45.6	2.6	5873	45.9	2.6
<u>Female</u>									
≤ 24	68	40.4	2.5	6	40.2	1.6	6	42.5	3.6
25-29	165	40.6	2.6	25	40.6	2.6	34	41.7	2.7
30-34	68	40.6	2.4	17	40.2	2.9	24	42.0	2.8
35-39	14	41.2	2.9	9	39.0	2.2	13	43.1	3.0
40-44	5	39.6	1.5	2	41.5	2.1	1	41.0	.
45-49	1	43.0	.	0	.	.	0	.	.
≥ 50	None								
Total	321	40.9	2.4	59	40.3	2.3	78	42.1	3.0

Table A-6.

Statutory height (inches) stratified by gender,
age group, and component (N=21,247).

Age group	<u>Active duty</u> (N=12,774)			<u>Reserve</u> (N=2,271)			<u>National Guard</u> (N=6,202)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	1178	70.6	2.4	199	70.7	2.5	279	70.5	2.4
25-29	3286	70.7	2.5	455	70.8	2.5	942	70.7	2.5
30-34	2656	70.8	2.5	327	70.8	2.4	764	70.8	2.4
35-39	2670	70.7	2.5	450	70.7	2.4	1287	70.7	2.4
40-44	2044	70.7	2.4	589	70.7	2.5	2007	70.7	2.4
45-49	500	70.6	2.5	131	70.4	2.4	543	70.7	2.4
≥ 50	113	70.3	2.3	55	70.3	2.2	301	70.6	2.4
Total	12447	70.6	2.4	2206	70.6	2.4	6123	70.7	2.4
<u>Female</u>									
≤ 24	68	65.6	2.3	6	66.7	2.5	6	65.5	1.5
25-29	169	65.9	2.3	25	65.8	2.1	34	66.5	2.5
30-34	70	66.1	2.1	21	65.7	2.2	25	65.5	2.0
35-39	14	66.3	2.8	11	66.4	2.2	13	66.1	2.0
40-44	5	65.2	2.4	2	64.0	1.4	1	68.0	.
45-49	1	64.0	.	0	.	.	0	.	.
≥ 50	None								
Total	327	65.5	2.4	65	65.5	2.1	79	66.3	2.0

Table A-7.

Body mass (in lbs) stratified by gender, age group,
and component (N=21,643).

Age group	<u>Active duty</u> (N=12,775)			<u>Reserve</u> (N=2,667)			<u>National Guard</u> (N=6,201)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	1178	170.0	18.8	199	169.5	19.7	279	170.2	19.8
25-29	3287	173.4	20.0	454	173.7	20.8	942	174.7	20.2
30-34	2657	177.0	20.1	325	177.0	20.5	764	177.7	20.4
35-39	2670	178.6	19.3	449	180.2	19.6	1287	180.8	19.9
40-44	2044	181.1	20.1	589	181.8	21.1	2006	182.5	19.8
45-49	500	179.4	18.5	131	183.2	18.9	543	183.4	19.1
≥ 50	113	180.3	17.8	55	179.9	21.6	301	182.2	19.3
Total	12449	177.1	19.2	2202	177.9	20.3	6122	178.8	19.8
<u>Female</u>									
≤ 24	68	133.3	14.1	6	133.2	11.8	6	134.8	17.7
25-29	168	132.8	14.9	25	134.6	12.1	34	136.5	19.9
30-34	70	138.1	15.3	21	135.4	18.3	25	129.1	9.6
35-39	14	136.8	15.0	11	142.4	15.6	13	129.3	17.3
40-44	5	139.0	21.1	2	123.0	9.9	1	146.0	.
45-49	1	129.0	.	0	.	.	0	.	.
≥ 50	None								
Total	326	134.8	16.1	65	133.7	13.5	79	135.1	16.1

Table A-8.

Body mass index* stratified by gender, age group,
and component (N=21,248).

Age group	<u>Active duty</u> (N=12,777)			<u>Reserve</u> (N=2,270)			<u>National Guard</u> (N=6,201)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	1178	24.0	2.2	199	23.8	2.1	279	24.0	2.1
25-29	3288	24.4	2.2	454	24.4	2.3	942	24.5	2.3
30-34	2657	24.9	2.1	326	24.8	2.3	764	24.9	2.2
35-39	2670	25.1	2.0	450	25.4	2.4	1287	25.4	2.2
40-44	2044	25.5	2.2	590	25.6	2.2	2006	25.7	2.1
45-49	500	25.3	2.0	131	26.0	2.1	543	25.8	2.1
≥ 50	113	25.6	2.0	55	25.6	2.0	301	25.7	1.9
Total	<u>12450</u>	<u>25.0</u>	<u>2.1</u>	<u>2205</u>	<u>25.1</u>	<u>2.2</u>	<u>6122</u>	<u>25.1</u>	<u>2.1</u>
<u>Female</u>									
≤ 24	68	21.8	1.8	6	21.2	2.4	6	22.1	2.2
25-29	169	21.5	1.9	25	21.9	1.6	34	21.7	2.5
30-34	70	22.3	2.0	21	22.1	2.2	25	21.2	1.7
35-39	14	21.8	1.3	11	22.7	2.1	13	20.8	2.5
40-44	5	23.0	3.4	2	21.2	2.6	1	22.2	.
45-49	1	22.2	.	0	.	.	0	.	.
≥ 50	None								
Total	<u>327</u>	<u>22.1</u>	<u>2.1</u>	<u>65</u>	<u>21.8</u>	<u>2.2</u>	<u>79</u>	<u>21.6</u>	<u>2.2</u>
* BMI = $\frac{\text{weight (kg)}}{\text{height}^2 \text{ (m)}}$									

Table A-9.

Systolic blood pressure (mm Hg): sitting stratified
by gender, age group, and component (N=21,197).

Age group	<u>Active duty</u> (N=12,752)			<u>Reserve</u> (N=2,262)			<u>National Guard</u> (N=6,183)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	1177	117.6	9.1	199	117.8	10.0	280	119.0	9.4
25-29	3285	117.7	9.6	453	118.1	9.6	939	118.8	10.1
30-34	2653	117.5	9.6	326	118.7	10.5	762	118.2	9.7
35-39	2666	117.9	10.3	447	118.0	9.5	1283	119.1	10.2
40-44	2036	118.4	10.2	588	118.8	10.6	1998	119.3	10.7
45-49	497	118.9	11.1	129	119.4	10.9	542	120.9	10.7
≥ 50	113	118.9	12.0	55	121.3	9.8	300	124.1	11.3
Total	12427	118.1	10.3	2197	118.9	10.1	6104	119.9	10.3
<u>Female</u>									
≤ 24	67	106.5	8.8	6	105.7	11.9	6	99.7	9.0
25-29	168	107.8	9.8	25	106.7	9.7	34	111.1	10.7
30-34	70	108.4	9.9	21	112.1	9.1	25	109.5	12.1
35-39	14	107.6	8.4	11	105.8	6.9	13	107.1	9.2
40-44	5	111.6	13.9	2	114.0	19.8	1	110.0	.
45-49	1	92.0	.	0	.	.	0	.	.
≥ 50	None								
Total	325	105.6	10.2	65	108.9	11.5	79	107.5	10.2

Table A-10.

Diastolic blood pressure (mm Hg): sitting stratified
by gender, age group, and component (N=21,449).

Age group	<u>Active duty</u> (N=13,002)			<u>Reserve</u> (N=2,259)			<u>National Guard</u> (N=6,188)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	1176	75.4	8.1	199	74.5	7.8	280	74.7	8.2
25-29	3284	75.0	7.9	453	75.6	8.4	940	75.8	7.7
30-34	2652	75.3	8.1	325	76.4	8.4	762	75.7	7.6
35-39	2663	76.2	8.2	446	76.5	7.7	1284	76.8	7.5
40-44	2034	76.5	8.3	588	77.2	8.3	2000	77.7	7.6
45-49	498	77.6	8.3	129	78.2	7.5	543	78.3	7.5
≥ 50	113	77.7	8.9	54	76.8	8.0	300	79.0	7.9
Total	12420	76.2	8.2	2194	76.4	8.0	6109	76.8	7.7
<u>Female</u>									
≤ 24	68	68.7	7.3	6	76.7	5.7	6	63.3	7.8
25-29	167	69.2	8.1	25	69.9	6.4	34	71.0	7.1
30-34	70	69.3	8.6	21	71.6	9.1	25	70.4	7.8
35-39	14	70.6	7.4	11	67.1	6.9	13	71.5	6.0
40-44	5	72.4	8.3	2	82.0	2.8	1	66.0	.
45-49	1	60.0	.	0	.	.	0	.	.
≥ 50	None								
Total	325	68.4	7.9	65	73.5	6.2	79	68.4	7.2

Table A-11.

Elevated bp* for males stratified
by age group and component.

Age group	<u>Active duty</u>			N	<u>Reserve</u>			N	<u>National Guard</u>		
	N	N	Meeting definition		N	N	Meeting definition		N	N	Meeting definition
≤ 24	1176	53	(4.5)**	199	9	(4.5)**		280	8	(2.9)**	
25-29	3284	134	(4.1)	452	25	(5.5)		938	36	(3.8)	
30-34	2651	106	(4.0)	325	23	(7.0)		762	26	(3.4)	
35-39	2662	136	(5.1)	446	21	(4.7)		1282	54	(4.2)	
40-44	2031	115	(5.6)	588	37	(6.3)		1997	130	(6.6)	
45-49	497	33	(6.6)	129	14	(10.9)		542	32	(5.9)	
≥ 50	113	11	(9.7)	54	5	(9.3)		300	29	(9.6)	
Total	12414	588	(4.7)	2193	134	(6.1)		6101	315	(5.2)	

* Elevated blood pressure defined as individuals
≥ 140 systolic bp and/or ≥ 90 diastolic bp

** indicates percent of individuals meeting elevated bp definition

Table A-12.

Pulse: sitting stratified by gender, age group,
and component (N=18,533).

Age group	<u>Active duty</u> (N=10,601)			<u>Reserve</u> (N=2,138)			<u>National Guard</u> (N=5,794)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	884	65.3	8.7	181	68.2	9.5	222	69.0	9.2
25-29	2268	65.6	8.8	399	67.2	9.1	773	68.1	9.2
30-34	1931	67.0	9.0	291	67.4	9.0	619	67.9	8.6
35-39	2638	67.8	8.9	443	68.4	8.9	1279	68.6	8.8
40-44	2032	67.7	8.8	582	68.6	9.3	1999	69.3	9.2
45-49	499	67.9	9.2	127	69.5	9.1	541	69.0	8.9
≥ 50	113	67.2	10.0	54	67.4	9.3	298	70.0	9.0
Total	10365	66.9	9.0	2077	68.1	9.2	5731	68.8	9.0
<u>Female</u>									
≤ 24	50	63.9	7.0	6	66.0	10.6	4	63.0	9.0
25-29	118	67.4	8.7	24	68.5	10.1	26	71.0	9.5
30-34	49	69.2	9.5	18	69.2	8.1	19	69.3	7.7
35-39	13	72.1	11.8	11	69.1	8.6	13	68.1	7.8
40-44	5	75.0	9.5	2	83.0	7.1	1	60.0	.
45-49	1	60.0	.	0	.	.	0	.	.
≥ 50	None								
Total	236	67.9	9.3	61	71.2	8.9	63	66.3	8.5

Table A-13.

Total serum cholesterol stratified by gender,
age group, and component (N=16,761).

Age group	<u>Active duty</u> (N=10,947)			<u>Reserve</u> (N=1,665)			<u>National Guard</u> (N=4,149)		
	N	Mean	SD	N	Mean	SD	N	Mean	SD
<u>Male</u>									
≤ 24	985	180.4	36.0	120	182.4	39.7	168	181.7	33.9
25-29	2619	187.4	36.8	325	183.9	36.8	518	186.7	34.4
30-34	2130	199.6	38.1	228	198.9	38.6	436	194.5	34.3
35-39	2377	205.8	39.2	312	206.8	37.7	774	204.6	37.4
40-44	1973	212.8	38.2	469	206.7	37.2	1566	210.0	38.2
45-49	480	214.5	38.8	111	215.3	36.0	414	211.2	39.0
≥ 50	109	215.9	37.3	50	213.8	37.5	231	219.5	40.5
Total	10673	202.3	37.8	1615	201.1	37.6	4107	201.2	36.8
<u>Female</u>									
≤ 24	60	193.4	27.5	6	193.0	27.9	5	175.4	20.2
25-29	137	183.6	31.0	19	197.9	45.3	18	184.5	35.1
30-34	55	193.1	35.4	16	192.9	37.5	11	184.0	20.0
35-39	14	183.2	35.3	8	186.9	41.5	7	184.1	22.3
40-44	4	210.5	32.1	1	183.0	.	1	182.0	.
45-49	1	183.0	.	0	.	.	0	.	.
≥ 50	None								
Total	271	191.1	32.3	50	190.7	38.0	42	182.0	24.4

Table A-14.

Elevated* total serum cholesterol stratified by gender,
age group, and component (N=16,758).

Age group	<u>Active duty</u> (N=10,944)			<u>Reserve</u> (N=1,665)			<u>National Guard</u> (N=4,149)		
	N	N	Meeting definition	N	N	Meeting definition	N	N	Meeting definition
<u>Male</u>									
≤ 24	985	244	(24.8)**	120	34	(28.3)**	168	44	(26.2)**
25-29	2619	864	(33.0)	325	89	(27.4)	518	173	(33.4)
30-34	2130	990	(46.5)	228	98	(43.0)	436	175	(40.1)
35-39	2377	1269	(53.4)	312	175	(56.1)	774	415	(53.6)
40-44	1973	1251	(63.4)	469	253	(53.9)	1566	915	(58.4)
45-49	480	310	(64.6)	111	71	(64.0)	414	237	(57.2)
≥ 50	109	72	(66.1)	50	33	(66.0)	231	160	(69.3)
Total	10673	5000	(46.8)	1615	753	(46.6)	4107	2119	(51.6)
<u>Female</u>									
≤ 24	60	24	(40.0)	6	3	(50.0)	5	1	(20.0)
25-29	137	37	(27.0)	19	10	(52.6)	18	5	(27.8)
30-34	55	18	(32.7)	16	9	(56.3)	11	1	(9.1)
35-39	14	4	(28.6)	8	3	(37.5)	7	3	(42.9)
40-44	4	3	(75.0)	1	0	.	1	0	.
45-49	1	0	.	0	0	.	0	0	.
≥ 50	None								
Total	271	86	(31.7)	50	25	(50.0)	42	10	(23.8)

* Elevated cholesterol are individuals with cholesterol ≥ 200

** Percent individuals with cholesterol ≥ 200

Table A-15.

Corrective lenses stratified by gender, age group,
and component (N=21,240).

Age group	<u>Active duty</u> (N=12,772)			<u>Reserve</u> (N=2,269)			<u>National Guard</u> (N=6,199)		
	N*	Freq wear	% wear	N*	Freq wear	% wear	N*	Freq wear	% wear
<u>Male</u>									
≤ 24	1177	104	8.8	198	18	9.0	280	22	7.9
25-29	3287	357	10.9	455	49	10.8	942	90	9.6
30-34	2654	357	13.4	327	47	14.4	763	125	16.4
35-39	2669	575	21.5	448	97	21.6	1288	289	22.4
40-44	2045	908	44.4	590	259	43.9	2004	814	40.6
45-49	500	446	89.2	131	111	84.7	543	441	81.2
≥ 50	113	112	99.1	55	52	94.5	300	292	97.0
Overall	12445	2859	23.0	2204	633	28.7	6120	2073	33.9
<u>Female</u>									
≤ 24	68	8	11.8	6	0	.	6	0	.
25-29	169	26	15.4	25	1	4.0	34	3	8.8
30-34	70	13	18.6	21	7	33.3	25	4	16.0
35-39	14	3	21.4	11	1	9.1	13	4	30.8
40-44	5	3	60.0	2	1	50.0	1	1	100.
45-49	1	1	100.	0	0	.	0	0	.
≥ 50	None								
Overall	327	54	16.5	65	10	15.4	79	12	15.2
* Missing, not included									

Table A-16.

Male right eye distant vision stratified by age group
and component (N=20,771).

Age group	DVR**	<u>Active duty</u> (N=12,446)		<u>Reserve</u> (N=2,205)		<u>National Guard</u> (N=6,120)	
		N	%	N	%	N	%
≤ 24	< 20	57	4.8	17	8.5	33	11.8
	20	1031	87.6	169	84.9	227	81.1
	21 - 40	62	5.3	7	3.5	12	4.3
	41 - 70	21	1.8	6	3.0	5	1.8
	> 70	6	0.5	0	.	3	1.1
	M*	0		0		0	
25-29	< 20	272	8.3	29	6.4	121	12.8
	20	2727	82.9	385	84.6	748	79.4
	21 - 40	211	6.4	26	5.7	50	5.3
	41 - 70	51	1.6	9	2.0	18	1.9
	> 70	27	0.8	6	1.3	5	0.5
	M*	1		0		0	
30-34	< 20	186	7.0	24	7.3	85	11.1
	20	2183	82.2	263	80.4	578	75.7
	21 - 40	195	7.3	26	8.0	51	6.7
	41 - 70	57	2.1	11	3.4	31	4.1
	> 70	35	1.3	2	0.9	19	2.5
	M*	1		0		0	
35-39	< 20	204	7.6	32	7.1	157	12.2
	20	2023	75.8	339	75.7	914	71.0
	21 - 40	271	10.2	43	9.6	117	9.1
	41 - 70	103	3.9	23	5.1	64	5.0
	> 70	67	2.5	11	2.5	36	2.8
	M*	2		2		0	

Table A-16 (Continued).

Age group	DVR	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	107	5.2	39	6.6	236	11.8
	20	1419	69.4	403	68.3	1338	66.8
	21 - 40	282	13.8	81	13.7	231	11.5
	41 - 70	123	6.0	34	5.8	114	5.7
	> 70	113	5.5	33	5.6	84	4.2
	M*	1		0		4	
45-49	< 20	31	6.2	4	3.1	38	7.0
	20	256	51.2	79	60.3	313	57.6
	21 - 40	125	25.0	25	19.1	109	20.1
	41 - 70	42	8.4	12	9.2	48	8.8
	> 70	46	9.2	11	8.4	35	6.4
	M*	0		0		0	
≥ 50	< 20	3	2.7	1	1.8	10	3.3
	20	50	44.2	29	52.7	139	46.3
	21 - 40	32	28.3	16	29.1	92	30.7
	41 - 70	18	15.9	5	9.1	36	12.0
	> 70	10	8.8	4	7.3	23	7.7
	M*	0		0		1	

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-17.

Male left eye distant vision stratified by age group
and component (N=20,770).

Age group	DVL**	<u>Active duty</u> (N=12,448)		<u>Reserve</u> (N=2,204)		<u>National Guard</u> (N=6,118)	
		N	%	N	%	N	%
≤ 24	< 20	71	6.0	15	7.5	36	12.9
	20	1019	86.6	170	85.4	227	81.1
	21 - 40	61	5.2	11	5.5	10	3.6
	41 - 70	20	1.7	3	1.5	4	1.4
	> 70	6	0.5	0	.	3	1.1
	M*	0		0		0	
25-29	< 20	291	8.8	30	6.6	133	14.1
	20	2700	82.1	383	84.4	730	77.5
	21 - 40	216	6.6	26	5.7	51	5.4
	41 - 70	54	1.6	8	1.8	22	2.3
	> 70	28	0.9	7	1.5	6	0.6
	M*	0		1		0	
30-34	< 20	205	7.7	31	9.5	94	12.3
	20	2178	82.0	259	79.2	559	73.2
	21 - 40	173	6.5	26	8.0	69	9.0
	41 - 70	61	2.3	8	2.4	27	3.5
	> 70	39	1.5	3	0.9	15	2.0
	M*	1		0		0	
35-39	< 20	217	8.1	32	7.1	184	14.3
	20	2021	75.7	343	76.6	879	68.3
	21 - 40	267	10.0	40	8.9	122	9.5
	41 - 70	99	3.7	22	4.9	70	5.4
	> 70	65	2.4	11	2.5	32	2.5
	M*	1		2		1	

Table A-17 (Continued).

Age group	DVL	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	126	6.2	38	6.4	251	12.5
	20	1432	70.1	408	69.2	1329	66.4
	21 - 40	264	12.9	80	13.6	227	11.3
	41 - 70	120	5.9	35	5.9	112	5.6
	> 70	120	5.0	29	4.9	83	4.1
	M*	1		0		5	
45-49	< 20	36	7.2	6	4.6	45	8.3
	20	249	49.9	79	60.3	317	58.4
	21 - 40	121	24.2	29	22.1	100	18.4
	41 - 70	54	10.8	8	6.1	52	9.6
	> 70	40	8.0	9	6.9	29	5.3
	M*	0		0		0	
≥ 50	< 20	4	3.5	2	3.6	10	3.3
	20	44	38.9	30	54.5	142	47.3
	21 - 40	40	35.4	15	27.3	89	29.7
	41 - 70	14	12.4	5	9.1	37	12.3
	> 70	11	9.7	3	5.5	22	7.3
	M*	0		0		1	

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-18.

Male right eye near vision stratified by age group
and component (N=20,501).

Age group	NVR**	<u>Active duty</u> (N=12,224)		<u>Reserve</u> (N=2,180)		<u>National Guard</u> (N=6,097)	
		N	%	N	%	N	%
≤ 24	< 20	37	3.2	8	4.1	32	11.5
	20	1103	95.5	189	95.9	244	87.5
	21 - 40	15	1.3	0	.	3	1.1
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	22		2		1	
25-29	< 20	149	4.6	17	3.8	102	10.9
	20	3001	93.1	421	94.2	822	87.5
	21 - 40	68	2.1	8	1.8	14	1.5
	41 - 70	4	0.1	1	0.2	0	.
	> 70	0	.	0	.	1	0.1
	M*	67		8		3	
30-34	< 20	117	4.5	20	6.2	61	8.0
	20	2402	92.0	288	89.2	672	88.4
	21 - 40	86	3.3	14	4.3	24	3.2
	41 - 70	3	0.1	1	0.3	3	0.4
	> 70	2	0.1	0	.	0	.
	M*	47		4		4	
35-39	< 20	109	4.2	17	3.8	114	8.9
	20	2321	88.7	389	87.2	1096	83.3
	21 - 40	155	5.9	25	5.6	82	6.4
	41 - 70	23	0.9	10	2.2	14	1.1
	> 70	8	0.3	5	1.1	5	0.4
	M*	54		4		4	

Table A-18 (Continued).

Age group	NVR	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	46	2.3	22	3.8	107	5.4
	20	1453	72.1	406	69.6	1359	68.1
	21 - 40	313	15.5	87	14.9	315	15.8
	41 - 70	128	6.4	43	7.4	130	6.5
	> 70	74	3.7	25	4.3	86	4.3
	M*	31		7		10	
45-49	< 20	3	.6	1	.8	6	1.1
	20	130	26.3	29	22.3	153	28.3
	21 - 40	124	25.1	39	30.0	107	19.8
	41 - 70	100	20.2	31	23.8	134	24.8
	> 70	137	27.7	30	23.1	141	26.1
	M*	6		1		2	
≥ 50	< 20	0	.	1	1.9	1	.3
	20	9	8.0	4	7.4	21	7.1
	21 - 40	19	16.8	10	18.5	36	12.1
	41 - 70	22	19.5	11	20.4	69	23.2
	> 70	63	55.8	28	51.9	170	57.2
	M*	0		1		4	

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-19.

Male left eye near vision stratified by age group
and component (N=20,490).

Age group	NVL**	<u>Active duty</u> (N=12,216)		<u>Reserve</u> (N=2,179)		<u>National Guard</u> (N=6,095)	
		N	%	N	%	N	%
≤ 24	< 20	37	3.2	11	5.6	29	10.4
	20	1104	95.6	184	93.4	246	88.2
	21 - 40	14	1.2	2	1.0	4	1.4
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	22		2		1	
25-29	< 20	153	4.7	16	3.6	94	10.0
	20	2998	93.0	421	94.4	826	88.0
	21 - 40	65	2.0	8	1.8	18	1.9
	41 - 70	6	0.2	1	0.2	1	0.1
	> 70	0	.	0	.	0	.
	M*	67		9		3	
30-34	< 20	109	4.2	17	5.3	64	8.4
	20	2401	92.0	298	92.3	664	87.4
	21 - 40	94	3.6	8	2.5	29	3.8
	41 - 70	3	0.1	0	.	3	0.4
	> 70	2	0.1	0	.	0	.
	M*	48		4		4	
35-39	< 20	109	4.2	15	3.4	112	8.7
	20	2336	89.4	394	88.3	1086	83.2
	21 - 40	130	5.0	23	5.2	84	6.5
	41 - 70	26	1.0	12	2.7	15	1.2
	> 70	11	0.4	2	0.4	5	0.4
	M*	58		4		4	

Table A-19 (Continued).

Age group	NVL	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	45	2.2	19	3.3	88	4.4
	20	1473	73.2	405	69.5	1387	69.5
	21 - 40	310	15.4	94	16.1	314	15.7
	41 - 70	119	5.9	41	7.0	129	6.5
	> 70	64	3.2	24	4.1	78	3.9
	M*	34		7		11	
45-49	< 20	4	.8	2	1.5	6	1.1
	20	132	26.7	31	23.8	159	29.4
	21 - 40	126	25.5	35	26.9	108	20.0
	41 - 70	94	19.0	30	23.1	122	22.6
	> 70	138	27.9	32	24.6	146	27.0
	M*	6		1		2	
≥ 50	< 20	0	.	1	1.9	2	.7
	20	12	10.6	3	5.6	19	6.4
	21 - 40	19	16.8	12	22.2	39	13.2
	41 - 70	23	20.4	12	22.2	55	18.6
	> 70	59	52.2	26	48.1	181	61.1
	M*	0		1		5	

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-20.

Female right eye distant vision stratified by age group
and component (N=471).

Age group	DVR**	<u>Active duty</u> (N=327)		<u>Reserve</u> (N=65)		<u>National Guard</u> (N=79)	
		N	%	N	%	N	%
≤ 24	< 20	5	7.4	0	.	0	.
	20	57	83.8	6	100	5	83.3
	21 - 40	5	7.4	0	.	1	16.7
	41 - 70	0	.	0	.	0	.
	> 70	1	1.5	0	.	0	.
	M*	0		0		0	
25-29	< 20	13	7.7	3	12.0	2	5.9
	20	132	78.1	21	84.0	29	85.3
	21 - 40	17	10.1	1	4.0	1	2.9
	41 - 70	7	4.1	0	.	2	5.9
	> 70	0	.	0	.	0	.
	M*	0		0		0	
30-34	< 20	5	7.1	2	9.5	6	24.0
	20	56	80.0	13	61.9	15	60.0
	21 - 40	2	2.9	5	23.8	3	12.0
	41 - 70	2	2.9	1	4.8	0	.
	> 70	5	7.1	0	.	1	4.0
	M*	0		0		0	
35-39	< 20	0	.	2	18.2	1	7.7
	20	11	78.6	8	72.7	9	69.2
	21 - 40	2	14.3	0	.	2	15.4
	41 - 70	1	7.1	1	9.1	0	.
	> 70	0	.	0	.	1	7.7
	M*	0		0		0	

Table A-20 (Continued).

Age group	OVR	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	0	.	1	50.0	0	.
	20	3	60.0	0	.	1	100
	25 - 40	0	.	0	.	0	.
	45 - 70	1	20.0	1	50.0	0	.
	> 70	1	20.0	0	.	0	.
	M*	0		0		0	
45-49	< 20	0	.	None		None	
	20	1	100				
	21 - 40	0	.				
	41 - 70	0	.				
	> 70	0	.				
	M*	0					

≥ 50 None

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-21.

Female left eye distant vision stratified by age group
and component (N=471).

Age group	DVL**	<u>Active duty</u> (N=327)		<u>Reserve</u> (N=65)		<u>National Guard</u> (N=79)	
		N	%	N	%	N	%
≤ 24	< 20	3	4.4	0	.	0	.
	20	60	88.2	6	100	5	83.3
	21 - 40	4	5.9	0	.	1	16.7
	41 - 70	0	.	0	.	0	.
	> 70	1	1.5	0	.	0	.
	M*	0		0		0	
25-29	< 20	15	8.9	2	8.0	2	5.9
	20	135	79.9	23	92.0	29	85.3
	21 - 40	12	7.1	0	.	0	.
	41 - 70	7	4.1	0	.	2	5.9
	> 70	0	.	0	.	1	2.9
	M*	0		0		0	
30-34	< 20	6	8.6	1	4.8	7	28.0
	20	52	74.3	14	66.7	14	56.0
	21 - 40	6	8.6	5	23.8	3	12.0
	41 - 70	2	2.9	0	.	1	4.0
	> 70	4	5.7	1	4.8	0	.
	M*	0		0		0	
35-39	< 20	0	.	1	9.1	1	7.7
	20	12	85.7	9	81.8	11	84.6
	21 - 40	1	7.1	0	.	0	.
	41 - 70	1	7.1	0	.	1	7.7
	> 70	0	.	1	9.1	0	.
	M*	0		0		0	

Table A-21 (Continued).

Age group	DVR	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	0	.	1	50.0	0	.
	20	3	60.0	0	.	1	100
	25 - 40	0	.	0	.	0	.
	45 - 70	0	40.0	0	.	0	.
	> 70	2	.	1	50.0	0	.
	M*	0		0		0	
45-49	< 20	0	.	None		None	
	20	1	100				
	21 - 40	0	.				
	41 - 70	0	.				
	> 70	0	.				
	M*	0					

≥ 50 None

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-22.

Female right eye near vision stratified by age group
and component (N=462).

Age group	NVR**	<u>Active duty</u> (N=319)		<u>Reserve</u> (N=64)		<u>National Guard</u> (N=79)	
		N	%	N	%	N	%
≤ 24	< 20	0	.	0	.	0	.
	20	64	95.5	6	100	6	100
	21 - 40	3	4.5	0	.	0	.
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	1		0		0	
25-29	< 20	10	6.1	1	4.0	2	5.9
	20	148	92.6	24	96.0	32	94.1
	21 - 40	6	2.9	0	.	0	.
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	5		0		0	
30-34	< 20	3	4.4	1	4.8	4	16.0
	20	63	92.6	19	90.5	21	84.0
	21 - 40	2	2.9	1	4.8	0	.
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	2		0		0	
35-39	< 20	1	7.1	0	.	0	.
	20	13	92.9	10	90.9	11	84.6
	21 - 40	0	.	0	.	2	15.4
	41 - 70	0	.	0	.	0	.
	> 70	0	.	1	9.1	0	.
	M*	0		0		0	

Table A-22 (Continued).

Age group	NVR	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	1	20.0	0	.	0	.
	20	2	40.0	0	.	0	.
	21 - 40	2	40.0	1	100	0	.
	41 - 70	0	.	0	.	1	100
	> 70	0	.	0	.	0	.
	M*	0		1		0	
45-49	< 20	0	.	None		None	
	20	0	.				
	21 - 40	0	.				
	41 - 70	1	100				
	> 70	0	.				
	M*	0					

≥ 50 None

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-23.

Female left eye near vision stratified by age group
and component (N=462).

Age group	NVL**	<u>Active duty</u> (N=319)		<u>Reserve</u> (N=64)		<u>National Guard</u> (N=79)	
		N	%	N	%	N	%
≤ 24	< 20	0	.	0	.	0	.
	20	65	97.0	6	100	6	100
	21 - 40	2	3.0	0	.	0	.
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	1		0		0	
25-29	< 20	10	6.1	1	4.0	2	5.9
	20	150	91.5	24	96.0	32	94.1
	21 - 40	4	2.4	0	.	0	.
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	5		0		0	
30-34	< 20	5	7.4	0	.	3	12.0
	20	60	88.2	19	90.5	22	88.0
	21 - 40	3	4.4	2	9.5	0	.
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	2		0		0	
35-39	< 20	2	14.3	0	.	0	.
	20	12	85.7	10	90.9	12	92.3
	21 - 40	0	.	1	9.1	1	7.7
	41 - 70	0	.	0	.	0	.
	> 70	0	.	0	.	0	.
	M*	0		0		0	

Table A-23 (Continued).

Age group	NVL	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
40-44	< 20	1	20.0	0	.	0	.
	20	2	40.0	0	.	0	.
	21 - 40	2	40.0	1	100	0	.
	41 - 70	0	.	0	.	1	100
	> 70	0	.	0	.	0	.
	M*	0		1		0	
45-49	< 20	0	.	None		None	
	20	0	.				
	21 - 40	0	.				
	41 - 70	1	100				
	> 70	0	.				
	M*	0					

≥ 50 None

* Missing (not included in totals or percentages)

** English Snellen linear system

Table A-24.

Male hyperphoria stratified by age group
and component (N=17,362).

Age group	Hyper-phoria**	Active duty (N=9,713)		Reserve (N=2,049)		National Guard (N=5,600)	
		N	%	N	%	N	%
<hr/>							
≤ 24							
-2.50 to -1.50		3	0.4	0	.	1	0.5
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		18	2.3	3	1.7	2	0.9
- .50 to - .01		45	5.8	6	3.4	15	7.1
.00 to .01		639	81.9	149	85.1	163	76.9
.02 to .50		69	8.8	16	9.1	25	11.8
.51 to 1.00		6	0.8	0	.	6	2.8
1.01 to 1.50		4	0.5	1	0.6	0	.
1.51 to 2.50		0	.	0	.	0	.
Missing*		393		24		68	
25-29							
-2.50 to -1.50		6	0.3	2	0.5	2	0.3
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		33	1.7	7	1.8	18	2.5
- .50 to - .01		115	5.9	19	4.9	48	6.5
.00 to .01		1535	79.3	319	82.2	560	76.3
.02 to .50		199	10.3	36	9.3	93	12.7
.51 to 1.00		40	2.1	3	0.8	11	1.5
1.01 to 1.50		7	0.4	1	0.3	1	0.1
1.51 to 2.50		1	0.1	1	0.3	1	0.1
Missing*		1353		67		208	
30-34							
-2.50 to -1.50		3	0.2	2	0.7	3	0.5
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		42	2.4	3	1.0	24	4.0
- .50 to - .01		106	6.1	24	8.4	31	5.2
.00 to .01		1362	78.7	230	80.1	469	78.6
.02 to .50		163	9.4	22	7.7	62	10.4
.51 to 1.00		39	2.3	6	2.1	7	1.2
1.01 to 1.50		14	0.8	0	.	1	0.2
1.51 to 2.50		2	.1	0	.	0	.
Missing*		926		40		167	

Table A-24 (Continued).

Age group	Hyper-phoria**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
35-39							
-2.50 to -1.50		4	0.2	2	0.5	6	0.5
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		67	2.6	5	1.1	30	2.4
- .50 to - .01		170	6.5	21	4.8	77	6.1
.00 to .01		2069	78.9	369	84.6	1017	80.4
.02 to .50		217	8.3	34	7.8	115	9.1
.51 to 1.00		84	3.2	4	0.9	18	1.4
1.01 to 1.50		8	0.3	1	0.2	2	0.2
1.51 to 2.50		3	0.1	0	.	0	.
Missing*		48		14		29	
40-44							
-2.50 to -1.50		7	0.3	5	0.9	9	0.5
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		59	2.9	2	0.3	39	2.0
- .50 to - .01		96	4.7	29	5.0	117	5.9
.00 to .01		1625	79.9	481	82.6	1535	78.0
.02 to .50		136	6.7	56	9.6	223	11.3
.51 to 1.00		102	5.0	9	1.5	37	1.9
1.01 to 1.50		6	0.3	0	.	5	0.3
1.51 to 2.50		3	0.1	0	.	4	0.2
Missing*		11		8		38	
45-49							
-2.50 to -1.50		1	0.2	0	.	3	0.6
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		17	3.4	2	1.6	11	2.1
- .50 to - .01		30	6.1	8	6.3	39	7.3
.00 to .01		379	76.9	101	79.5	425	79.6
.02 to .50		42	8.5	9	7.1	43	8.1
.51 to 1.00		22	4.5	7	5.5	12	2.2
1.01 to 1.50		1	0.2	0	.	0	.
1.51 to 2.50		1	0.2	0	.	1	0.2
Missing*		7		4		9	

Table A-24 (Continued).

Age group	Hyper-phoria**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
<hr/>							
> 50							
-2.50 to	-1.50	0	.	0	.	1	0.3
-1.49 to	-1.01	0	.	0	.	0	.
-1.00 to	- .51	3	2.7	3	5.6	8	2.8
- .50 to	- .01	5	4.4	2	3.7	20	6.9
.00 to	.01	91	80.5	45	83.3	222	76.8
.02 to	.50	11	9.7	4	7.4	24	8.3
.51 to	1.00	1	0.9	0	.	10	3.5
1.01 to	1.50	2	1.8	0	.	4	1.4
1.51 to	2.50	0	.	0	.	0	.
Missing*		0		1		12	

* Missing (not included in totals or percentages)

** Right and left hyperphoria combined into one continuous variable

Table A-25.

Female hyperphoria stratified by age group
and component (N=330).

Age group	Hyper-phoria**	Active duty (N=210)		Reserve (N=58)		National Guard (N=62)	
		N	%	N	%	N	%
<hr/>							
≤ 24							
-2.50 to -1.50		0	.	0	.	0	.
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		3	7.1	0	.	1	25.0
- .50 to - .01		2	4.8	0	.	0	.
.00 to .01		35	83.3	5	100	3	75.0
.02 to .50		0	.	0	.	0	.
.51 to 1.00		2	4.8	0	.	0	.
1.01 to 1.50		0	.	0	.	0	.
1.51 to 2.50		0	.	0	.	0	.
Missing*		26		1		2	
25-29							
-2.50 to -1.50		0	.	0	.	0	.
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		2	1.9	0	.	0	.
- .50 to - .01		4	3.9	1	4.5	4	16.0
.00 to .01		87	84.5	20	90.9	20	80.0
.02 to .50		6	5.8	1	4.5	0	.
.51 to 1.00		4	3.9	0	.	1	4.0
1.01 to 1.50		0	.	0	.	0	.
1.51 to 2.50		0	.	0	.	0	.
Missing*		66		3		9	
30-34							
-2.50 to -1.50		0	.	0	.	0	.
-1.49 to -1.01		0	.	0	.	0	.
-1.00 to - .51		1	2.2	0	.	0	.
- .50 to - .01		3	6.7	2	11.1	3	15.8
.00 to .01		38	84.4	14	77.8	15	78.9
.02 to .50		1	2.2	1	5.6	1	5.3
.51 to 1.00		2	4.4	1	5.6	0	.
1.01 to 1.50		0	.	0	.	0	.
1.51 to 2.50		0	.	0	.	0	.
Missing*		25		3		6	

Table A-25 (Continued).

Age group	Hyper-phoria**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
<hr/>							
35-39							
-2.50 to	-1.50	0	.	0	.	0	.
-1.49 to	-1.01	0	.	0	.	0	.
-1.00 to	-.51	0	.	0	.	0	.
- .50 to	-.01	2	14.3	0	.	0	.
.00 to	.01	11	78.6	10	90.9	11	84.6
.02 to	.50	1	7.1	1	9.1	2	15.4
.51 to	1.00	0	.	0	.	0	.
1.01 to	1.50	0	.	0	.	0	.
1.51 to	2.50	0	.	0	.	0	.
Missing*		0		0		0	
40-44							
-2.50 to	-1.50	0	.	0	.	0	.
-1.49 to	-1.01	0	.	0	.	0	.
-1.00 to	-.51	0	.	0	.	0	.
- .50 to	-.01	0	.	0	.	0	.
.00 to	.01	4	80.0	2	100	1	100
.02 to	.50	1	20.0	0	.	0	.
.51 to	1.00	0	.	0	.	0	.
1.01 to	1.50	0	.	0	.	0	.
1.51 to	2.50	0	.	0	.	0	.
Missing*		0		0		0	
45-49							
-2.50 to	-1.50	0	.	None		None	
-1.49 to	-1.01	0	.				
-1.00 to	-.51	0	.				
- .50 to	-.01	0	.				
.00 to	.01	1	100				
.02 to	.50	0	.				
.51 to	1.00	0	.				
1.01 to	1.50	0	.				
1.51 to	2.50	0	.				
Missing*		0					

* Missing (not included in totals or percentages)

** Right and left hyperphoria combined into one continuous variable

Table A-26.

Male esophoria/exophoria stratified by age group
and component (N=17,373).

Age group	Phoria**	Active duty (N=9,727)		Reserve (N=2,049)		National Guard (N=5,597)	
		N	%	N	%	N	%
<hr/>							
≤ 24							
	≤ -8	2	0.3	0	.	0	.
	-7 to -5	5	0.6	0	.	3	1.4
	-4 to -2	163	20.8	31	17.7	34	16.2
	-1 to +1	537	68.5	121	69.1	162	77.1
	+2 to +4	73	9.3	22	12.6	9	4.3
	+5 to +7	4	0.5	1	0.6	2	1.0
	≥ +8	0	.	0	.	0	.
	M*	393		24		70	
25-29							
	≤ -8	5	0.3	2	0.5	2	0.3
	-7 to -5	21	1.1	3	0.8	8	1.1
	-4 to -2	370	19.1	71	18.3	130	17.7
	-1 to +1	1334	68.9	276	71.1	513	70.0
	+2 to +4	191	9.9	35	9.0	77	10.5
	+5 to +7	12	0.6	1	0.3	2	0.3
	≥ +8	4	0.2	0	.	1	0.1
	M*	1352		67		209	
30-34							
	≤ -8	5	0.3	1	0.3	0	.
	-7 to -5	21	1.2	1	0.3	6	1.0
	-4 to -2	318	18.3	59	20.6	125	21.0
	-1 to +1	1209	69.8	193	67.5	408	68.7
	+2 to +4	160	9.2	26	9.1	48	8.1
	+5 to +7	18	1.0	5	1.7	6	1.0
	≥ +8	2	0.1	1	0.3	1	0.2
	M*	924		41		170	
35-39							
	≤ -8	4	0.2	3	0.7	4	0.3
	-7 to -5	28	1.1	4	0.9	21	1.7
	-4 to -2	567	21.6	97	22.2	247	19.5
	-1 to +1	1774	67.5	295	67.5	883	69.6
	+2 to +4	235	8.9	35	8.0	102	8.0
	+5 to +7	14	0.5	1	0.2	9	0.7
	≥ +8	7	0.3	2	0.4	2	0.2
	M*	41		13		20	

Table A-26 (Continued).

Age group	Phoria**	Active duty		Reserve		National Guard	
		N	%	N	%	N	%
<hr/>							
40-44							
	≤ -8	5	0.2	2	0.3	6	0.3
	-7 to -5	27	1.3	11	1.9	32	1.6
	-4 to -2	384	18.9	147	25.2	390	19.8
	-1 to +1	1408	69.2	357	61.1	1350	68.5
	+2 to +4	192	9.4	62	10.6	168	8.5
	+5 to +7	17	0.8	4	0.7	23	1.2
	≥ +8	3	0.1	1	0.2	2	0.1
	M*	9		6		36	
45-49							
	≤ -8	2	0.4	0	.	1	0.2
	-7 to -5	12	2.4	4	3.2	11	2.1
	-4 to -2	101	20.4	37	29.6	132	24.9
	-1 to +1	335	67.7	74	59.2	323	60.8
	+2 to +4	41	8.3	8	6.4	58	10.9
	+5 to +7	4	0.8	2	1.6	5	0.9
	≥ +8	0	.	0	.	1	0.2
	M*	5		6		12	
≥ 50							
	≤ -8	1	0.9	0	.	3	1.0
	-7 to -5	1	0.9	2	3.7	13	4.5
	-4 to -2	31	27.4	15	27.8	81	27.9
	-1 to +1	71	62.8	35	64.8	155	53.4
	+2 to +4	9	8.0	2	3.7	30	10.3
	+5 to +7	0	.	0	.	7	2.4
	≥ +8	0	.	0	.	1	0.3
	M*	0		1		11	

* Missing (not included in totals or percentages)

** Esophoria/exophoria combined into one continuous variable

Table A-27.

Female esophoria/exophoria stratified by age group
and component (N=332).

Age group	Phoria**	Active duty (N=211)		Reserve (N=59)		National Guard (N=62)	
		N	%	N	%	N	%
<hr/>							
≤ 24							
	≤ -8	0	.	0	.	0	.
	-7 to -5	0	.	0	.	0	.
	-4 to -2	10	23.8	0	.	0	.
	-1 to +1	23	69.0	5	100	4	100
	+2 to +4	3	7.1	0	.	0	.
	+5 to +7	0	.	0	.	0	.
	≥ +8	0	.	0	.	0	.
	M*	26		1		2	
25-29							
	≤ -8	0	.	0	.	0	.
	-7 to -5	1	1.0	0	.	1	4.0
	-4 to -2	19	18.3	3	13.0	10	40.0
	-1 to +1	74	71.2	19	82.6	13	52.0
	+2 to +4	10	9.6	1	4.3	1	4.0
	+5 to +7	0	.	0	.	0	.
	≥ +8	0	.	0	.	0	.
	M*	65		2		9	
30-34							
	≤ -8	0	.	0	.	0	.
	-7 to -5	0	.	0	.	0	.
	-4 to -2	11	24.4	4	22.2	5	26.3
	-1 to +1	28	62.2	13	72.2	14	73.7
	+2 to +4	5	11.1	1	5.6	0	.
	+5 to +7	1	2.2	0	.	0	.
	≥ +8	0	.	0	.	0	.
	M*	25		3		6	
35-39							
	≤ -8	0	.	0	.	0	.
	-7 to -5	1	7.1	0	.	0	.
	-4 to -2	2	14.3	2	18.2	1	7.7
	-1 to +1	11	78.6	7	63.6	10	76.9
	+2 to +4	0	.	2	18.2	2	15.4
	+5 to +7	0	.	0	.	0	.
	≥ +8	0	.	0	.	0	.
	M*	0		0		0	

Table A-27 (Continued).

Age group	Phoria*	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
<hr/>							
40-44							
	≤ -8	0	.	0	.	0	.
	-7 to -5	0	.	0	.	0	.
	-4 to -2	1	20.0	0	.	1	100
	-1 to +1	3	60.0	2	100	0	.
	+2 to +4	1	20.0	0	.	0	.
	+5 to +7	0	.	0	.	0	.
	≥ +8	0	.	0	.	0	.
	M*	0		0		0	
45-49							
	≤ -8	0	.	None		None	
	-7 to -5	0	.				
	-4 to -2	0	.				
	-1 to +1	1	100				
	+2 to +4	0	.				
	+5 to +7	0	.				
	≥ +8	0	.				
	M*	0					
≥ 50							
	None						

* Missing (not included in totals or percentages)

** Esophoria/exophoria combined into one continuous variable

Table A-28.

Male right ear (500 Hz) stratified by age group
and component (N=20,762).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,437)		<u>Reserve</u> (N=2,203)		<u>National Guard</u> (N=6,122)	
		N	%	N	%	N	%
≤ 24	≤ 15	1123	95.4	189	95.5	262	93.6
	20-35	54	4.6	9	4.5	18	6.4
	40-55	0	.	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	0		1		0	
25-29	≤ 15	3149	95.8	434	95.6	897	95.2
	20-35	139	4.2	20	4.4	45	4.8
	40-55	0	.	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	1		1		0	
30-34	≤ 15	2530	95.4	312	95.4	728	95.4
	20-35	122	4.6	14	4.3	35	4.6
	40-55	1	0.0	1	0.3	0	.
	≥ 55	0	.	0	.	0	.
	M *	3		0		1	
35-39	≤ 15	2495	93.6	419	93.5	1213	94.3
	20-35	169	6.3	27	6.0	67	5.2
	40-55	1	0.0	2	0.4	6	0.5
	≥ 55	0	.	0	.	0	.
	M *	5		2		2	
40-44	≤ 15	1894	93.0	550	93.4	1873	93.5
	20-35	139	6.8	38	6.5	127	6.3
	40-55	3	0.1	1	0.2	4	0.2
	≥ 55	0	.	0	.	0	.
	M *	9		1		3	

Table A-28 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	470	94.4	117	89.3	497	91.9
	20-35	26	5.2	14	10.7	44	8.1
	40-55	2	0.4	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	2		0		2	
> 50	≤ 15	104	92.9	50	90.9	263	88.6
	20-35	8	7.1	4	7.3	32	10.8
	40-55	0	.	0	.	2	0.7
	≥ 55	0	.	1	1.8	0	.
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-29.

Male left ear (500 Hz) stratified by age group
and component (N=20,762).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,437)		<u>Reserve</u> (N=2,203)		<u>National Guard</u> (N=6,122)	
		N	%	N	%	N	%
≤ 24	≤ 15	1092	92.8	188	95.4	262	93.6
	20-35	84	7.1	9	4.6	18	6.4
	40-55	1	0.1	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	0		2		0	
25-29	≤ 15	3111	94.6	427	94.1	888	94.3
	20-35	175	5.3	26	5.7	53	5.6
	40-55	1	0.0	0	.	1	0.1
	≥ 55	0	.	1	0.2	0	.
	M *	2		1		0	
30-34	≤ 15	2517	94.8	308	94.2	723	94.8
	20-35	135	5.1	19	5.8	40	5.2
	40-55	2	0.1	0	0.3	0	.
	≥ 55	0	.	0	.	0	.
	M *	0		0		1	
35-39	≤ 15	2494	93.6	413	92.0	1205	93.7
	20-35	167	6.3	34	7.6	77	6.0
	40-55	4	0.2	2	0.4	2	0.2
	≥ 55	0	.	0	.	2	0.2
	M *	5		1		2	
40-44	≤ 15	1888	92.7	555	94.2	1882	93.9
	20-35	139	6.8	31	5.3	118	5.9
	40-55	7	0.3	3	0.5	5	0.2
	≥ 55	2	0.1	0	.	0	.
	M *	9		1		2	

Table A-29 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	447	89.8	112	85.5	497	92.0
	20-35	46	9.2	19	14.5	43	8.0
	40-55	5	1.0	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	2		0		3	
> 50	≤ 15	97	86.6	48	87.3	271	91.2
	20-35	12	10.7	7	12.7	25	8.4
	40-55	2	1.8	0	.	1	0.3
	≥ 55	1	0.9	0	.	0	.
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-30.

Male right ear (1000 Hz) stratified by age group
and component (N=20,769).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,439)		<u>Reserve</u> (N=2,207)		<u>National Guard</u> (N=6,123)	
		N	%	N	%	N	%
≤ 24	≤ 15	1164	98.9	197	99.0	278	99.3
	20-35	13	1.1	2	1.0	2	0.7
	40-55	0	.	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	0		0		0	
25-29	≤ 15	3229	98.2	442	97.1	926	98.3
	20-35	58	1.8	12	2.6	16	1.7
	40-55	1	0.0	1	0.2	0	.
	≥ 55	0	.	0	.	0	.
	M *	1		0		0	
30-34	≤ 15	2580	97.2	317	96.9	745	97.6
	20-35	70	2.6	9	2.8	18	2.4
	40-55	2	0.1	1	0.3	0	.
	≥ 55	2	0.1	0	.	0	.
	M *	2		0		1	
35-39	≤ 15	2585	97.0	426	94.9	1248	97.0
	20-35	78	2.9	22	4.9	34	2.6
	40-55	2	0.1	1	0.2	4	0.3
	≥ 55	0	.	0	.	0	.
	M *	5		1		2	
40-44	≤ 15	1945	95.5	575	97.6	1933	96.4
	20-35	87	4.3	14	2.4	67	3.3
	40-55	5	0.2	0	.	5	0.2
	≥ 55	0	.	0	.	0	.
	M *	8		1		2	

Table A-30 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	468	94.0	119	90.8	511	94.5
	20-35	30	6.0	12	9.2	29	5.4
	40-55	0	.	0	.	1	0.2
	≥ 55	0	.	0	.	0	.
	M *	2		0		2	
> 50	≤ 15	97	86.6	50	90.9	272	91.6
	20-35	14	12.5	3	5.5	23	7.7
	40-55	1	0.9	2	3.6	2	0.7
	≥ 55	0	.	0	.	0	.
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-31.

Male left ear (1000 Hz) stratified by age group
and component (N=20,767).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,438)		<u>Reserve</u> (N=2,206)		<u>National Guard</u> (N=6,123)	
		N	%	N	%	N	%
≤ 24	≤ 15	1150	97.7	195	98.0	274	97.9
	20-35	27	2.3	4	2.0	6	2.1
	40-55	0	.	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	0	.	0	.	0	.
25-29	≤ 15	3207	97.2	441	96.9	924	98.1
	20-35	79	2.7	13	2.9	18	1.9
	40-55	2	0.1	1	0.2	0	.
	≥ 55	0	.	0	.	0	.
	M *	1	.	0	.	0	.
30-34	≤ 15	2579	95.5	316	96.9	734	96.2
	20-35	72	2.7	10	3.1	29	3.8
	40-55	3	0.1	1	0.3	0	.
	≥ 55	0	.	0	.	0	.
	M *	2	.	0	.	1	.
35-39	≤ 15	2546	95.4	425	94.7	1240	96.4
	20-35	113	4.2	23	5.1	43	3.3
	40-55	6	0.2	1	0.2	1	0.1
	≥ 55	0	.	0	.	2	0.2
	M *	5	.	1	.	2	.
40-44	≤ 15	1943	95.4	564	95.8	1932	96.4
	20-35	85	4.2	23	3.9	67	3.3
	40-55	8	0.4	2	0.3	4	0.2
	≥ 55	0	.	0	.	2	0.1
	M *	9	.	1	.	2	.

Table A-31 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	468	94.0	118	90.1	513	94.8
	20-35	25	5.0	12	9.2	28	5.2
	40-55	5	1.0	1	0.8	0	.
	≥ 55	0	.	0	.	0	.
	M *	2		0		2	
> 50	≤ 15	94	83.9	50	90.9	273	91.9
	20-35	13	11.6	4	7.3	22	7.4
	40-55	4	3.6	1	1.8	2	0.7
	≥ 55	1	0.9	0	.	0	.
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-32.

Male right ear (2000 Hz) stratified by age group
and component (N=20,768).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,439)		<u>Reserve</u> (N=2,206)		<u>National Guard</u> (N=6,123)	
		N	%	N	%	N	%
≤ 24	≤ 15	1150	97.7	198	99.5	273	97.5
	20-35	27	2.3	1	0.5	7	2.5
	40-55	0	.	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	0		0		0	
25-29	≤ 15	3202	97.4	446	98.0	926	98.3
	20-35	84	2.6	9	2.0	16	1.7
	40-55	2	0.1	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	2		0		0	
30-34	≤ 15	2526	95.2	315	96.3	734	96.2
	20-35	123	4.6	12	3.7	28	3.7
	40-55	3	0.1	0	.	1	0.1
	≥ 55	2	0.1	0	.	0	.
	M *	2		0		1	
35-39	≤ 15	2511	94.2	425	94.7	1202	93.5
	20-35	140	5.3	20	4.5	77	6.0
	40-55	13	0.5	4	0.9	7	0.5
	≥ 55	1	0.0	0	.	0	.
	M *	5		1		2	
40-44	≤ 15	1852	90.9	537	91.2	1844	92.0
	20-35	160	7.9	42	7.1	149	7.4
	40-55	22	1.1	9	1.5	10	0.5
	≥ 55	3	0.1	1	0.2	2	0.1
	M *	8		1		2	

Table A-32 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	437	87.8	110	84.0	483	89.3
	20-35	53	10.6	20	15.3	51	9.4
	40-55	7	1.4	1	0.8	7	1.3
	≥ 55	1	0.2	0	.	0	.
	M *	2		0		2	
> 50	≤ 15	86	76.8	46	83.6	240	80.8
	20-35	25	22.3	6	10.9	48	16.2
	40-55	0	.	3	5.5	6	2.0
	≥ 55	1	0.9	0	.	3	1.0
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-33.

Male left ear (2000 Hz) stratified by age group
and component (N=20,756).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,438)		<u>Reserve</u> (N=2,206)		<u>National Guard</u> (N=6,112)	
		N	%	N	%	N	%
≤ 24	≤ 15	1138	96.7	195	98.0	274	97.9
	20-35	39	3.3	4	2.0	6	2.1
	40-55	0	.	0	.	0	.
	≥ 55	0	.	0	.	0	.
	M *	0		0		0	
25-29	≤ 15	3172	96.5	440	96.7	917	97.3
	20-35	111	3.4	14	3.1	25	2.7
	40-55	5	0.2	1	0.2	0	.
	≥ 55	0	.	0	.	0	.
	M *	1		0		0	
30-34	≤ 15	2457	92.6	311	95.1	719	94.2
	20-35	194	7.3	15	4.6	44	5.8
	40-55	3	0.1	1	0.3	0	.
	≥ 55	0	.	0	.	0	.
	M *	2		0		1	
35-39	≤ 15	2399	90.0	398	98.6	1181	91.9
	20-35	246	9.2	49	10.9	97	7.5
	40-55	16	0.6	2	0.4	6	0.5
	≥ 55	4	0.2	0	.	1	0.1
	M *	5		1		3	
40-44	≤ 15	1771	87.0	525	89.1	1785	89.0
	20-35	232	11.4	49	8.3	198	9.9
	40-55	28	1.4	13	2.2	14	0.7
	≥ 55	5	0.2	2	0.3	8	0.4
	M *	9		1		2	

Table A-33 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	407	81.7	107	81.7	454	83.9
	20-35	74	14.9	23	17.6	79	14.6
	40-55	12	2.4	1	0.8	6	1.1
	≥ 55	5	1.0	0	.	2	0.4
	M *	2		0		2	
> 50	≤ 15	76	67.9	44	80.0	226	76.1
	20-35	27	24.1	10	18.2	55	18.5
	40-55	7	6.3	1	1.8	13	4.4
	≥ 55	2	1.8	0	.	3	1.0
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-34.

Male right ear (3000 Hz) stratified by age group
and component (N=20,759).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,435)		<u>Reserve</u> (N=2,203)		<u>National Guard</u> (N=6,121)	
		N	%	N	%	N	%
≤ 24	≤ 15	1129	95.9	193	97.0	264	94.3
	20-35	47	4.0	6	3.0	15	5.4
	40-55	1	0.1	0	.	1	0.3
	≥ 55	0	.	0	.	0	.
	M *	0		0		0	
25-29	≤ 15	3064	93.2	438	96.3	897	95.2
	20-35	208	6.3	16	3.5	42	4.5
	40-55	14	0.4	1	0.2	3	0.3
	≥ 55	2	0.1	0	.	0	.
	M *	0		0		0	
30-34	≤ 15	2327	87.7	287	87.8	689	90.3
	20-35	296	11.2	33	10.1	65	8.5
	40-55	25	0.9	4	1.2	6	0.8
	≥ 55	6	0.2	3	0.9	3	0.4
	M *	1		0		1	
35-39	≤ 15	2147	80.6	367	81.9	1019	79.2
	20-35	411	15.4	63	14.1	197	15.3
	40-55	79	3.0	13	2.9	55	4.3
	≥ 55	26	1.0	5	1.1	15	1.2
	M *	7		2		2	
40-44	≤ 15	1432	70.4	437	74.2	1505	75.1
	20-35	421	20.7	107	18.2	369	18.4
	40-55	131	6.4	30	5.1	99	4.9
	≥ 55	51	2.5	15	2.5	30	1.5
	M *	10		1		4	

Table A-34 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	312	62.7	85	65.4	351	64.9
	20-35	106	21.3	29	22.3	139	25.7
	40-55	57	11.4	11	8.5	38	7.0
	≥ 55	23	4.6	5	3.8	13	2.4
	M *	2		1		2	
> 50	≤ 15	54	48.2	24	44.4	143	48.1
	20-35	35	31.3	14	25.9	90	30.3
	40-55	15	13.4	12	22.2	39	13.1
	≥ 55	8	7.1	4	7.4	25	8.4
	M *	1		1		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-35.

Male left ear (3000 Hz) stratified by age group
and component (N=20,762).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,436)		<u>Reserve</u> (N=2,205)		<u>National Guard</u> (N=6,121)	
		N	%	N	%	N	%
≤ 24	≤ 15	1092	92.8	185	93.0	266	95.0
	20-35	78	6.6	14	7.0	13	4.6
	40-55	7	0.6	0	.	1	0.4
	≥ 55	0	.	0	.	0	.
	M *	0		0		0	
25-29	≤ 15	2913	88.6	410	90.1	859	91.2
	20-35	341	10.4	44	9.7	75	8.0
	40-55	26	0.8	1	0.2	8	0.8
	≥ 55	8	0.2	0	.	0	.
	M *	1		0		0	
30-34	≤ 15	2185	82.3	279	85.3	635	83.2
	20-35	404	15.2	37	11.3	111	14.5
	40-55	58	2.2	8	2.4	12	1.6
	≥ 55	7	0.3	3	0.9	5	0.7
	M *	2		0		1	
35-39	≤ 15	1902	71.4	317	70.6	930	72.4
	20-35	573	21.5	105	23.4	266	20.7
	40-55	138	5.2	20	4.5	65	5.1
	≥ 55	50	1.9	7	1.6	24	1.9
	M *	7		1		3	
40-44	≤ 15	1252	61.5	398	67.6	1290	64.4
	20-35	534	26.2	124	21.1	526	26.2
	40-55	178	8.7	46	7.8	138	6.9
	≥ 55	72	3.5	21	3.6	50	2.5
	M *	9		1		3	

Table A-35 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	248	49.8	72	55.0	307	56.7
	20-35	151	30.3	42	32.1	157	29.0
	40-55	65	13.1	14	10.7	60	11.1
	≥ 55	34	6.8	3	2.3	17	3.1
	M *	2		0		2	
> 50	≤ 15	44	39.3	28	51.9	131	44.1
	20-35	36	32.1	16	29.6	96	32.3
	40-55	15	13.4	6	11.1	40	13.5
	≥ 55	17	15.2	4	7.4	30	10.1
	M *	1		1		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-36.

Male right ear (4000 Hz) stratified by age group
and component (N=20,763).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,434)		<u>Reserve</u> (N=2,206)		<u>National Guard</u> (N=6,123)	
		N	%	N	%	N	%
≤ 24	≤ 15	1107	94.2	183	92.0	256	91.4
	20-35	60	5.1	11	5.5	22	7.9
	40-55	8	0.7	4	2.0	2	0.7
	≥ 55	0	.	1	0.5	0	.
	M *	2		0		0	
25-29	≤ 15	2916	88.7	406	89.2	852	90.4
	20-35	306	9.3	44	9.7	70	7.4
	40-55	57	1.7	4	0.9	20	2.1
	≥ 55	9	0.3	1	0.2	0	.
	M *	1		0		0	
30-34	≤ 15	2132	80.4	269	82.3	613	80.3
	20-35	416	15.7	40	12.2	114	14.9
	40-55	85	3.2	13	4.0	30	3.9
	≥ 55	20	0.8	5	1.5	6	0.8
	M *	3		0		1	
35-39	≤ 15	1782	66.9	298	66.4	833	64.8
	20-35	599	22.5	103	22.9	299	23.3
	40-55	209	7.0	40	8.9	99	7.7
	≥ 55	75	2.8	8	1.8	55	4.3
	M *	5		1		2	
40-44	≤ 15	1071	52.6	352	59.8	1108	55.3
	20-35	576	28.3	145	24.6	566	28.2
	40-55	254	12.5	60	10.2	234	11.7
	≥ 55	134	6.6	32	5.4	97	4.8
	M *	10		1		2	

Table A-36 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	216	43.4	63	48.1	248	45.8
	20-35	143	28.7	35	26.7	166	30.7
	40-55	88	17.7	22	16.8	88	16.3
	≥ 55	51	10.2	11	8.4	39	7.2
	M *	2		0		2	
> 50	≤ 15	37	33.0	16	29.1	102	34.3
	20-35	38	33.9	19	34.5	85	28.6
	40-55	23	20.5	9	16.4	60	20.2
	≥ 55	14	12.5	11	20.0	50	16.8
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-37.

Male left ear (4000 Hz) stratified by age group
and component (N=20,763).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,436)		<u>Reserve</u> (N=2,206)		<u>National Guard</u> (N=6,121)	
		N	%	N	%	N	%
≤ 24	≤ 15	1075	91.4	175	87.9	247	91.4
	20-35	85	7.2	24	12.1	29	7.9
	40-55	16	1.4	0	.	3	0.7
	≥ 55	0	.	0	.	1	.
	M *	1		0		0	
25-29	≤ 15	2759	83.9	363	79.8	799	88.2
	20-35	432	13.1	82	18.0	120	10.4
	40-55	82	2.5	9	2.0	22	1.1
	≥ 55	15	0.5	1	0.2	1	0.4
	M *	1		0		0	
30-34	≤ 15	1973	74.3	243	74.3	572	84.8
	20-35	505	19.0	58	17.7	146	12.7
	40-55	139	5.2	20	6.1	33	2.3
	≥ 55	37	1.4	6	1.8	12	0.1
	M *	2		0		1	
35-39	≤ 15	1551	58.2	252	56.1	751	58.4
	20-35	726	27.3	126	28.1	343	26.7
	40-55	258	9.7	54	12.0	133	10.4
	≤ 55	129	4.8	17	3.8	58	4.5
	M *	6		1		3	
40-44	≤ 15	894	43.9	283	48.0	925	46.1
	20-35	667	32.8	186	31.6	656	32.7
	40-55	324	15.9	72	12.2	304	15.2
	≥ 55	151	7.4	48	8.1	120	6.0
	M *	9		1		2	

Table A-37 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	171	34.3	41	31.3	211	39.1
	20-35	154	30.9	48	36.6	182	33.7
	40-55	101	20.3	34	26.0	100	18.5
	≥ 55	72	14.5	8	6.1	47	8.7
	M *	2		0		3	
> 50	≤ 15	25	22.3	14	25.5	75	25.3
	20-35	36	32.1	20	36.4	105	35.4
	40-55	30	26.8	10	18.2	70	23.6
	≥ 55	21	18.8	11	20.0	47	15.8
	M *	1		0		4	

* Missing (not included in totals or percentages)

** Decibels

Table A-38.

Male right ear (6000 Hz) stratified by age group
and component (N=20,747).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,430)		<u>Reserve</u> (N=2,204)		<u>National Guard</u> (N=6,113)	
		N	%	N	%	N	%
≤ 24	≤ 15	814	69.2	143	71.9	214	76.4
	20-35	321	27.3	50	25.1	61	21.8
	40-55	36	3.1	4	2.0	4	1.4
	≥ 55	5	0.4	2	1.0	1	0.4
	M *	1		0		0	
25-29	≤ 15	2133	64.9	317	69.7	710	75.4
	20-35	983	29.9	117	25.7	200	21.2
	40-55	142	4.3	19	4.2	26	2.8
	≥ 55	30	0.9	2	0.4	6	0.6
	M *	1		0		0	
30-34	≤ 15	1495	56.4	198	60.6	515	67.5
	20-35	910	34.3	90	25.7	191	25.0
	40-55	189	7.1	22	6.7	38	5.0
	≥ 55	59	2.2	17	5.2	19	2.5
	M *	3		0		1	
35-39	≤ 15	1191	44.8	234	52.2	668	52.0
	20-35	1006	37.8	142	31.7	433	33.7
	40-55	291	10.9	48	10.7	101	7.9
	≥ 55	173	6.5	24	5.4	82	6.4
	M *	9		2		4	
40-44	≤ 15	725	35.6	256	43.3	871	43.6
	20-35	746	36.7	209	35.5	751	37.6
	40-55	311	15.3	73	12.4	232	11.6
	≥ 55	252	12.4	51	8.7	144	7.2
	M *	11		1		9	

Table A-38 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	124	24.9	35	26.7	176	32.5
	20-35	187	37.6	57	43.5	205	37.9
	40-55	95	19.1	21	16.0	93	17.2
	≥ 55	92	18.5	18	13.7	67	12.4
	M *	2		0		2	
> 50	≤ 15	25	22.3	12	22.2	63	21.3
	20-35	33	29.5	19	35.2	97	32.8
	40-55	30	26.8	12	22.2	76	25.7
	≥ 55	24	21.4	11	20.4	60	20.3
	M *	1		1		5	

* Missing (not included in totals or percentages)

** Decibels

Table A-39.

Male left ear (6000 Hz) stratified by age group
and component (N=20,737).

Age group	Hearing level dB**	<u>Active duty</u> (N=12,425)		<u>Reserve</u> (N=2,203)		<u>National Guard</u> (N=6,109)	
		N	%	N	%	N	%
≤ 24	≤ 15	730	62.1	135	67.8	214	76.4
	20-35	383	32.6	54	27.1	56	20.0
	40-55	54	4.6	9	4.5	10	3.6
	≥ 55	9	0.8	1	0.5	0	.
	M *	1		0		0	
25-29	≤ 15	1846	56.2	261	57.4	645	68.5
	20-35	1154	35.1	159	34.9	247	26.2
	40-55	231	7.0	24	5.3	44	4.7
	≥ 55	55	1.7	11	2.4	6	0.6
	M *	3		0		0	
30-34	≤ 15	1296	48.8	171	52.5	464	60.8
	20-35	1011	38.1	116	35.6	211	27.7
	40-55	249	9.4	28	8.6	58	7.6
	≥ 55	98	3.7	11	3.4	30	3.9
	M *	2		1		1	
35-39	≤ 15	993	37.3	171	38.2	589	46.0
	20-35	1074	40.4	182	40.6	460	35.9
	40-55	377	14.2	53	11.8	141	11.0
	≥ 55	216	8.1	42	9.4	91	7.1
	M *	10		2		7	
40-44	≤ 15	615	30.3	198	33.6	756	37.8
	20-35	765	37.6	243	41.3	741	37.1
	40-55	365	18.0	83	14.1	301	15.1
	≥ 55	287	14.1	65	11.0	201	10.1
	M *	13		1		8	

Table A-39 (Continued).

Age group	Hearing level dB**	<u>Active duty</u>		<u>Reserve</u>		<u>National Guard</u>	
		N	%	N	%	N	%
45-49	≤ 15	108	21.7	27	20.6	168	31.1
	20-35	174	34.9	58	44.3	193	35.7
	40-55	108	21.7	25	19.1	105	19.4
	≥ 55	108	21.7	21	16.0	74	13.7
	M *	2		0		3	
> 50	≤ 15	11	9.9	11	20.4	55	18.6
	20-35	37	33.3	19	35.2	103	34.9
	40-55	31	27.9	11	20.4	70	23.7
	≥ 55	32	28.8	13	24.1	67	22.7
	M *	2		1		6	

* Missing (not included in totals or percentages)

** Decibels

Table A-40.

Female right ear (500 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
25-29	≤ 15	219	96.1
	20-35	8	3.5
	40-55	1	0.4
	≥ 55	0	.
	M *	0	
30-34	≤ 15	112	96.6
	20-35	4	3.4
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	36	94.7
	20-35	2	5.3
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	8	100
	20-35	0	100
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-40 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-41.

Female left ear (500 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	75	93.8
	20-35	5	6.3
	40-55	0	.
	≥ 55	0	.
	M *	0	
25-29	≤ 15	213	93.4
	20-35	15	6.6
	40-55	0	.
	≥ 55	0	.
	M *	0	
30-34	≤ 15	110	94.8
	20-35	6	5.2
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	36	94.7
	20-35	2	5.3
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-41 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-42.

Female right ear (1000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
25-29	≤ 15	227	99.6
	20-35	1	0.4
	40-55	0	.
	≥ 55	0	.
	M *	0	
30-34	≤ 15	113	97.4
	20-35	3	2.6
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	35	92.1
	20-35	3	7.9
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-42 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-43.

Female left ear (1000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
25-29	≤ 15	226	99.1
	20-35	2	0.9
	40-55	0	.
	≥ 55	0	.
	M *	0	
30-34	≤ 15	114	98.3
	20-35	2	1.7
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	35	92.1
	20-35	3	7.9
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-43 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		
* Missing (not included in totals or percentages)			
** Includes active duty, reserve, and National Guard			
*** Decibels			

Table A-44.

Female right ear (2000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	.
25-29	≤ 15	220	96.5
	20-35	8	3.5
	40-55	0	.
	≥ 55	0	.
	M *	0	.
30-34	≤ 15	113	97.4
	20-35	3	2.6
	40-55	0	.
	≥ 55	0	.
	M *	0	.
35-39	≤ 15	37	97.4
	20-35	0	.
	40-55	0	.
	≥ 55	1	2.6
	M *	0	.
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	.

Table A-44 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-45.

Female left ear (2000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	79	98.8
	20-35	1	1.3
	40-55	0	.
	≥ 55	0	.
	M *	0	.
25-29	≤ 15	224	98.2
	20-35	4	1.8
	40-55	0	.
	≥ 55	0	.
	M *	0	.
30-34	≤ 15	111	95.7
	20-35	5	4.3
	40-55	1	.
	≥ 55	0	.
	M *	0	.
35-39	≤ 15	35	92.1
	20-35	2	5.3
	40-55	1	2.6
	≥ 55	0	.
	M *	0	.
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	.

Table A-45 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-46.

Female right ear (3000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	.
25-29	≤ 15	222	97.4
	20-35	6	2.6
	40-55	0	.
	≥ 55	0	.
	M *	0	.
30-34	≤ 15	113	97.4
	20-35	2	1.7
	40-55	1	0.9
	≥ 55	0	.
	M *	0	.
35-39	≤ 15	37	97.4
	20-35	1	2.6
	40-55	0	.
	≥ 55	0	.
	M *	0	.
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	.

Table A-46 (Continued).

Age group	Hearing level dB***	<u>All components**</u>	
		N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		
* Missing (not included in totals or percentages)			
** Includes active duty, reserve, and National Guard			
*** Decibels			

Table A-47.

Female left ear (3000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
25-29	≤ 15	219	96.1
	20-35	9	3.9
	40-55	0	.
	≥ 55	0	.
	M *	0	
30-34	≤ 15	112	96.6
	20-35	4	3.4
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	34	89.5
	20-35	4	10.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	7	87.5
	20-35	1	12.5
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-47 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	0	.
	20-35	1	100
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-48.

Female right ear (4000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	.
25-29	≤ 15	219	96.1
	20-35	9	3.9
	40-55	0	.
	≥ 55	0	.
	M *	0	.
30-34	≤ 15	112	96.6
	20-35	4	3.4
	40-55	0	.
	≥ 55	0	.
	M *	0	.
35-39	≤ 15	34	89.5
	20-35	4	10.5
	40-55	0	.
	≥ 55	0	.
	M *	0	.
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	.

Table A-48 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-49.

Female left ear (4000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	78	97.5
	20-35	2	2.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
25-29	≤ 15	206	90.4
	20-35	22	9.6
	40-55	0	.
	≥ 55	0	.
	M *	0	
30-34	≤ 15	110	94.8
	20-35	6	5.2
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	34	89.5
	20-35	4	10.5
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	8	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-49 (Continued).

		<u>All components**</u>	
Age group	Hearing level dB***	N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		

* Missing (not included in totals or percentages)

** Includes active duty, reserve, and National Guard

*** Decibels

Table A-50.

Female right ear (6000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	57	71.3
	20-35	22	27.5
	40-55	1	1.3
	≥ 55	0	.
	M *	0	
25-29	≤ 15	168	73.7
	20-35	54	23.7
	40-55	6	2.6
	≥ 55	0	.
	M *	0	
30-34	≤ 15	81	69.8
	20-35	35	30.2
	40-55	0	.
	≥ 55	0	.
	M *	0	
35-39	≤ 15	26	68.4
	20-35	12	31.6
	40-55	0	.
	≥ 55	0	.
	M *	0	
40-44	≤ 15	6	75.0
	20-35	1	12.5
	40-55	1	12.5
	≥ 55	0	.
	M *	0	

Table A-50 (Continued).

Age group	Hearing level dB***	<u>All components**</u>	
		N	%
45-49	≤ 15	1	100
	20-35	0	.
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		
* Missing (not included in totals or percentages)			
** Includes active duty, reserve, and National Guard			
*** Decibels			

Table A-51.

Female left ear (6000 Hz) stratified by age group.

Age group	Hearing level dB***	<u>All components**</u> (N=471)	
		N	%
≤ 24	≤ 15	56	70.0
	20-35	22	27.5
	40-55	2	2.5
	≥ 55	0	.
	M *	0	
25-29	≤ 15	150	65.8
	20-35	69	30.3
	40-55	9	3.9
	≥ 55	0	.
	M *	0	
30-34	≤ 15	76	65.5
	20-35	36	31.0
	40-55	4	3.4
	≥ 55	0	.
	M *	0	
35-39	≤ 15	23	60.5
	20-35	13	34.2
	40-55	2	5.3
	≥ 55	0	.
	M *	0	
40-44	≤ 15	6	75.0
	20-35	2	25.0
	40-55	0	.
	≥ 55	0	.
	M *	0	

Table A-51 (Continued).

Age group	Hearing level dB***	<u>All components**</u>	
		N	%
45-49	≤ 15	0	.
	20-35	1	100
	40-55	0	.
	≥ 55	0	.
	M *	0	
50 ≥	≤ 15	None	
	20-35		
	40-55		
	≥ 55		
* Missing (not included in totals or percentages)			
** Includes active duty, reserve, and National Guard			
*** Decibels			

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